

REMARKS

Claims 1-20 stand rejected under 35 U.S.C. 102(b) over Abbott, as indicated in the Office Communication, dated July 12, 2009.

Claim 1, claims a data processing device that includes a unit output for outputting a plurality of output bits, directly, to a destination register specified by an instruction, and a programmable connection circuit that receives a set of logic output bits and selectively routes the logic output bits to provide the plurality of output bits to the destination register based on an output ordering instruction.

Abbott fails to teach an output ordering instruction, and fails to teach routing logic output bits to a destination register specified in an instruction based on the output ordering instruction.

The Office Communication indicates that:

"...the claimed "selectively route the logic output bits to provide the plurality of output bits, based on the output ordering instruction" reads on any selective output configuration based on an ordering instruction, not merely a "direct" output from the connection circuit itself..."

Although, applicants respectfully disagree with this assertion, claim 1 has been amended to recite: "a second programmable connection circuit that is configured to receive the set of logic output bits and selectively route the logic output bits to provide the plurality of output bits **that are directly output to the destination register**, based on the output ordering instruction." Independent claims 5-7 and 13 recite similar limitations.

Since, Abbott fails to teach a connection circuit that receives output bits from a configurable function circuit and selectively orders/routes the bits for storage in a specified destination register, independent claims 5-7 and 13 are believe allowable.

With regard to the remaining claims, each of these claims depends from one of the independent claims, and, hence, is also not anticipated by Abbott by virtue of their dependency upon an allowable base claim.

For all the foregoing reasons, it is respectfully submitted that all the claims are in allowable form and the issuance of a Notice of Allowance is respectfully requested.

Respectfully submitted,

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